



BSNL Dark Fiber

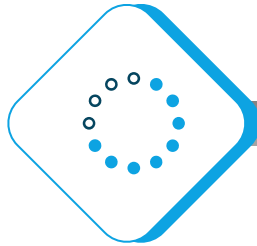
What is Dark Fiber?



A Dark fiber is an **unused unlit optical fiber** can be leased for private use



Increasing AI workloads, cloud computing, IoT, and edge applications shared bottlenecks and ensure deterministic latency



Ideal for organizations that want to build **private, high-speed & secure networks** without deploying fresh infrastructure



Dark fiber enables **ultra high throughput** and **ultra low latency**, without dependence on telco switching or public networks

Dark Fiber for Business

Why does your business need Dark Fiber? (1/2)

1



Full Network Control & Architecture Flexibility

- Full control over how fiber is lit, configures & operates
- Enables custom routing, encryption & monitoring policies
- Freedom to build custom Layer 2/Layer 3 networks
- Supports overlay networks like MPLS, IPsec, GRE, VXLAN

2



TCO Optimisation for large enterprises

- Long-term **cost-efficient** model, esp. for high-data workloads
- Reduces costs of leased lines, managed WAN, and recurring data transport charges

Dark Fiber for Business

Why does your business need Dark Fiber? (2/2)

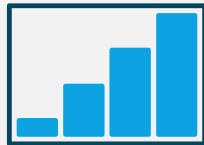
3



Enhanced Security & Data Sovereignty

- Traffic remains on private, dedicated path
- No risk of packet inspection, interception or performance degradation
- Ideal for regulated industries: BFSI, healthcare etc.

4



High-Volume, High-Density & Remote Applications

- Backbone connectivity for AI/ML, IoT backhaul, cloud-to-edge data sync
- Extends to places where managed leased lines aren't feasible or cost-efficient

The BSNL Advantage: Scale, Trust and Service

Over
₹5,000 Cr
in enterprise
revenue

Over
61,000
Enterprise
branches under
the Platinum
category alone

- 1 Known for Trust and transparent (1:1) billing
- 2 Reliable connectivity partner offering resilient network



Clients



Why BSNL Dark Fiber?



BSNL is a **100% Government of India-owned** telecom company with a decades-long track record



99.5% monthly uptime guarantee for Dark Fiber service



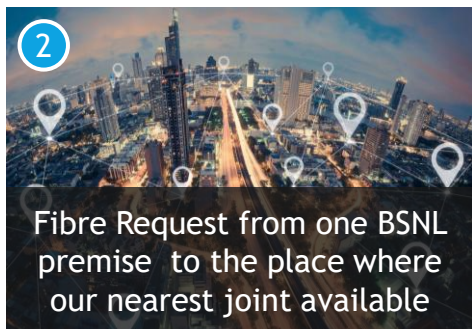
Strict fault handling: 2-hour dispatch, 12-hour full restoration, and 48-hour max downtime before alternate solution is mandatory



Customizable offerings to benefit from **BSNL's wide optical fiber footprint** for backhaul & broader connectivity

BSNL offers Dark Fiber in four different ways, custom priced as per specific requirements

BSNL leases dark fiber in 4 different ways



Customizable offerings based on



Lease duration



Long term lease



Short term lease



Pricing



Distance



Location



Terms of SLA